

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ISH/P104001	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/01586	International filing date (day/month/year) 14/04/2003	(Earliest) Priority Date (day/month/year) 16/04/2002
Applicant FUTURA MEDICAL DEVELOPMENTS LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.



the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :



contained in the international application in written form.



filed together with the international application in computer readable form.



furnished subsequently to this Authority in written form.



furnished subsequently to this Authority in computer readable form.



the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.



the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,



the text is approved as submitted by the applicant.



the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,



the text is approved as submitted by the applicant.



the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.



as suggested by the applicant.



because the applicant failed to suggest a figure.



because this figure better characterizes the invention.



None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No.

/GB 03/01586

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61F6/04 A61K9/70 A61P15/02 A61P15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61F A61K A61H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 00240 A (QUALILIFE PHARMACEUTICALS INC) 3 January 2002 (2002-01-03) page 1 page 5 -page 7, line 27 claims ---	1-4, 10-13
P,X	WO 02 39945 A (ICEBELLA ENTERPRISE LTD) 23 May 2002 (2002-05-23) page 2, paragraph 2 -page 4, paragraph 3 claims; figures ---	1,7-13
A	WO 98 27899 A (BENDIS INA K) 2 July 1998 (1998-07-02) claims; figures ---	1-13,15
A	US 4 829 991 A (BOECK ROBERT F) 16 May 1989 (1989-05-16) claims; figures ---	1-13,15
	--- -/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

29 October 2003

Date of mailing of the international search report

05/11/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Kuehne, H-C

INTERNATIONAL SEARCH REPORT

International Application No.

GB 03/01586

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 333 621 A (DENZER ERIC) 2 August 1994 (1994-08-02) claims; figures ---	1-13,15
A	WO 99 21562 A (VIVUS INC) 6 May 1999 (1999-05-06) the whole document ---	1-13,15
A	WO 00 13664 A (L A M PHARMACEUTICALS LLC) 16 March 2000 (2000-03-16) the whole document ---	1-13,15
A	US 6 182 661 B1 (SOLANKI SUREN ET AL) 6 February 2001 (2001-02-06) claims; figures ---	1,7,8
A	US 6 000 398 A (ALLA RAGHUNATHA ET AL) 14 December 1999 (1999-12-14) claims; figures ---	1,7,8
A	WO 99 56666 A (RT ALAMO VENTURES INC) 11 November 1999 (1999-11-11) claims -----	1

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/01586

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 14
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

T/GB 03/01586

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0200240	A	03-01-2002	AU 7363601 A CA 2417552 A1 EP 1328281 A1 WO 0200240 A2 US 2002034557 A1	08-01-2002 03-01-2002 23-07-2003 03-01-2002 21-03-2002
WO 0239945	A	23-05-2002	AU 1414502 A CA 2429078 A1 WO 0239945 A2 GB 2372213 A , B	27-05-2002 23-05-2002 23-05-2002 21-08-2002
WO 9827899	A	02-07-1998	US 6080100 A AU 5518998 A WO 9827899 A1	27-06-2000 17-07-1998 02-07-1998
US 4829991	A	16-05-1989	NONE	
US 5333621	A	02-08-1994	AU 6988794 A EP 0702540 A1 JP 8510674 T US 6007836 A WO 9427536 A1	20-12-1994 27-03-1996 12-11-1996 28-12-1999 08-12-1994
WO 9921562	A	06-05-1999	US 5877216 A AU 740758 B2 AU 1125399 A CA 2306837 A1 EP 1027057 A1 JP 2001520999 T JP 2003212793 A WO 9921562 A1 US 6469016 B1 US 6294550 B1 US 6306841 B1 US 6472434 B1 US 2001051656 A1 US 2002013304 A1 US 2002099003 A1	02-03-1999 15-11-2001 17-05-1999 06-05-1999 16-08-2000 06-11-2001 30-07-2003 06-05-1999 22-10-2002 25-09-2001 23-10-2001 29-10-2002 13-12-2001 31-01-2002 25-07-2002
WO 0013664	A	16-03-2000	US 6251436 B1 AU 5812999 A CA 2342769 A1 EP 1112061 A1 JP 2002524408 T WO 0013664 A1 US 2001022975 A1 ZA 200101659 A	26-06-2001 27-03-2000 16-03-2000 04-07-2001 06-08-2002 16-03-2000 20-09-2001 18-12-2001
US 6182661	B1	06-02-2001	AU 5872598 A EP 1011555 A1 WO 9833459 A1 JP 2001510406 T	25-08-1998 28-06-2000 06-08-1998 31-07-2001
US 6000398	A	14-12-1999	US 5836308 A AU 1389299 A CA 2311480 A1 EP 1037580 A1 JP 2001523518 T	17-11-1998 15-06-1999 03-06-1999 27-09-2000 27-11-2001

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/GB 03/01586

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6000398	A	WO 9926566 A1	03-06-1999
WO 9956666	A	11-11-1999	
		US 6110489 A	29-08-2000
		US 6194433 B1	27-02-2001
		US 6132753 A	17-10-2000
		US 6132757 A	17-10-2000
		US 6187790 B1	13-02-2001
		AU 3780699 A	23-11-1999
		BR 9908716 A	21-11-2000
		CA 2319542 A1	11-11-1999
		EP 1079764 A1	07-03-2001
		JP 2002537231 T	05-11-2002
		WO 9956666 A1	11-11-1999
		US 2003105128 A1	05-06-2003
		US 6258373 B1	10-07-2001
		US 6541487 B1	01-04-2003